JVC

SERVICE MANUAL

MODEL HP-1100

STEREO HEADPHONES

No. 2503
JUN. 1979

Features

- **Newly-developed, large 50-mm diameter driver units**
  Powerful and rich sound reproduction and high sensitivity are realized by employing a polyester diaphragm having a thickness of 25 microns and newly-developed, large 50-mm diameter driver units.
- **High-impedance design**
  Full-bodied bass and well-balanced and clear sound over the entire frequency range are the result of the design.
- **Excellent styling and improved comfort**
  The well-designed ear cushions and headpads eliminate fatigue even after long periods of listening.

Specifications

Type	: Moving-coil type
Sensitivity	: 102 dB/mW
Power handling capacity	: 200 mW
Total harmonic distortion	: Less than 0.2 % (at 1 mW, 500 Hz)
Frequency response	: 20 – 20 000 Hz
Nominal impedance	: 100 ohms
Rated input	: 10 mW
Weight	: 200 g (without cord), 260 g (with cord)
Cord	: 3 m (with standard stereo plug)

Design and specifications subject to change without notice.

Name of parts

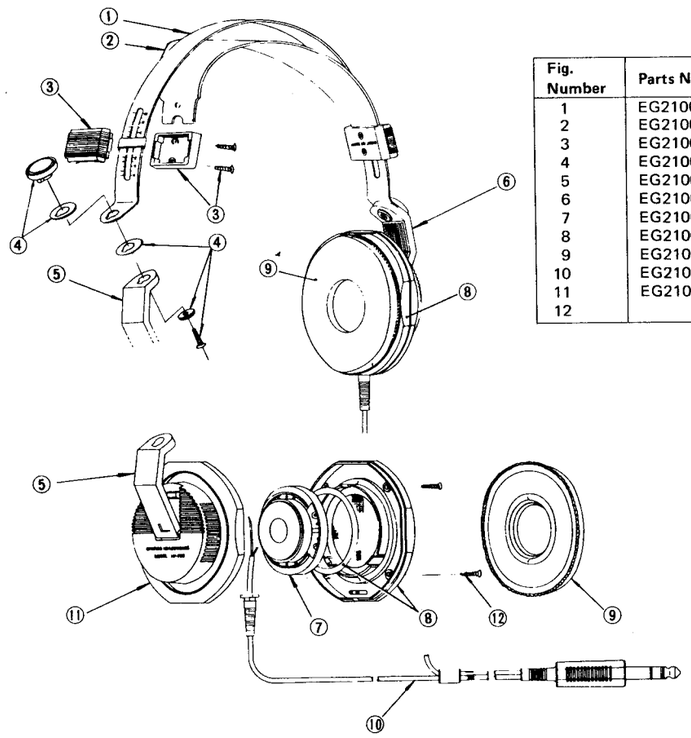
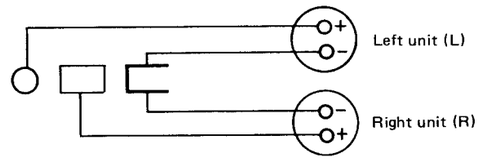


Fig. Number	Parts Number	Parts Name
1	EG210044-001E	Headband assembly
2	EG210044-002	Headpad
3	EG210044-003	Headband adjusting knob
4	EG210044-004	Hanger connection assembly
5	EG210044-005	Hanger assembly (L)
6	EG210044-006	Hanger assembly (R)
7	EG210044-007	Driver unit assembly
8	EG210044-008	Protector assembly
9	EG210044-009	Ear cushion
10	EG210044-010	Cord assembly
11	EG210044-012	Housing assembly
12		Screw

Circuitry



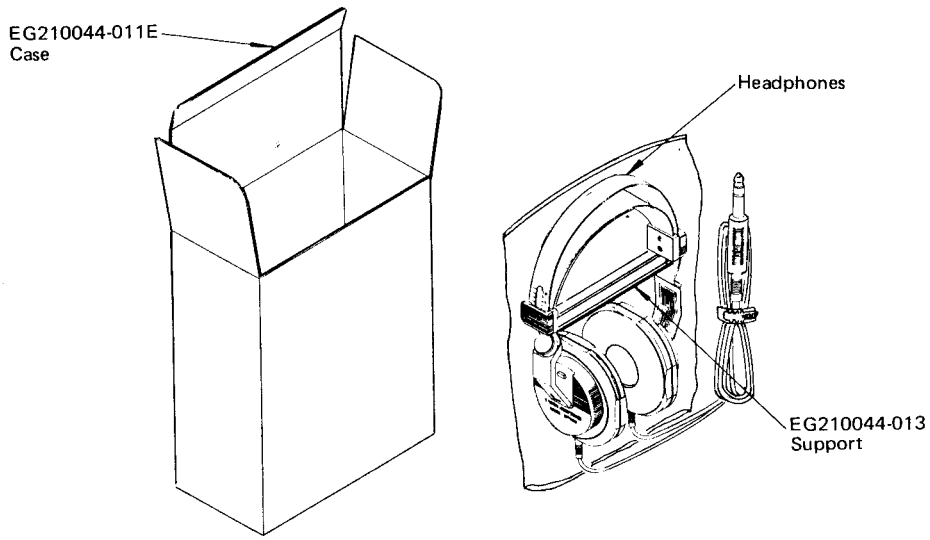
Parts replacement procedure

Disassembly procedure	Parts replacement
Remove the 2 retaining screw inside the headband adjusting knob.	1) To replace the headpad 2) To replace the headband adjusting knob
Remove the ear cushion carefully.	1) To replace the ear cushion Adhesive has been used to attach the ear cushion. Remove it carefully. If the ear cushion is damaged, it cannot be used again. When assembling the ear cushion, two-sided adhesive tape can be employed in place of adhesive.
Remove the 2 screws on the protector assembly to remove it.	
Remove the cord.	1) To replace the cord
Remove the driver unit assembly.	1) To replace the driver unit assembly
Remove the housing assembly (Lift the piano wire hook with a small screwdriver).	1) To replace the housing assembly
Remove the hanger (Remove the screw under the hanger connection assembly).	1) To replace the hanger connection assembly 2) To replace the hanger assembly

To assemble, follow the disassembly procedure in the reversed order.

Note: 1) Perform the same repairs for both the left and right units.
2) Use a small capacity soldering iron (30 W or less).

Packaging



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